

FIGURE 1 (PRIOR ART)

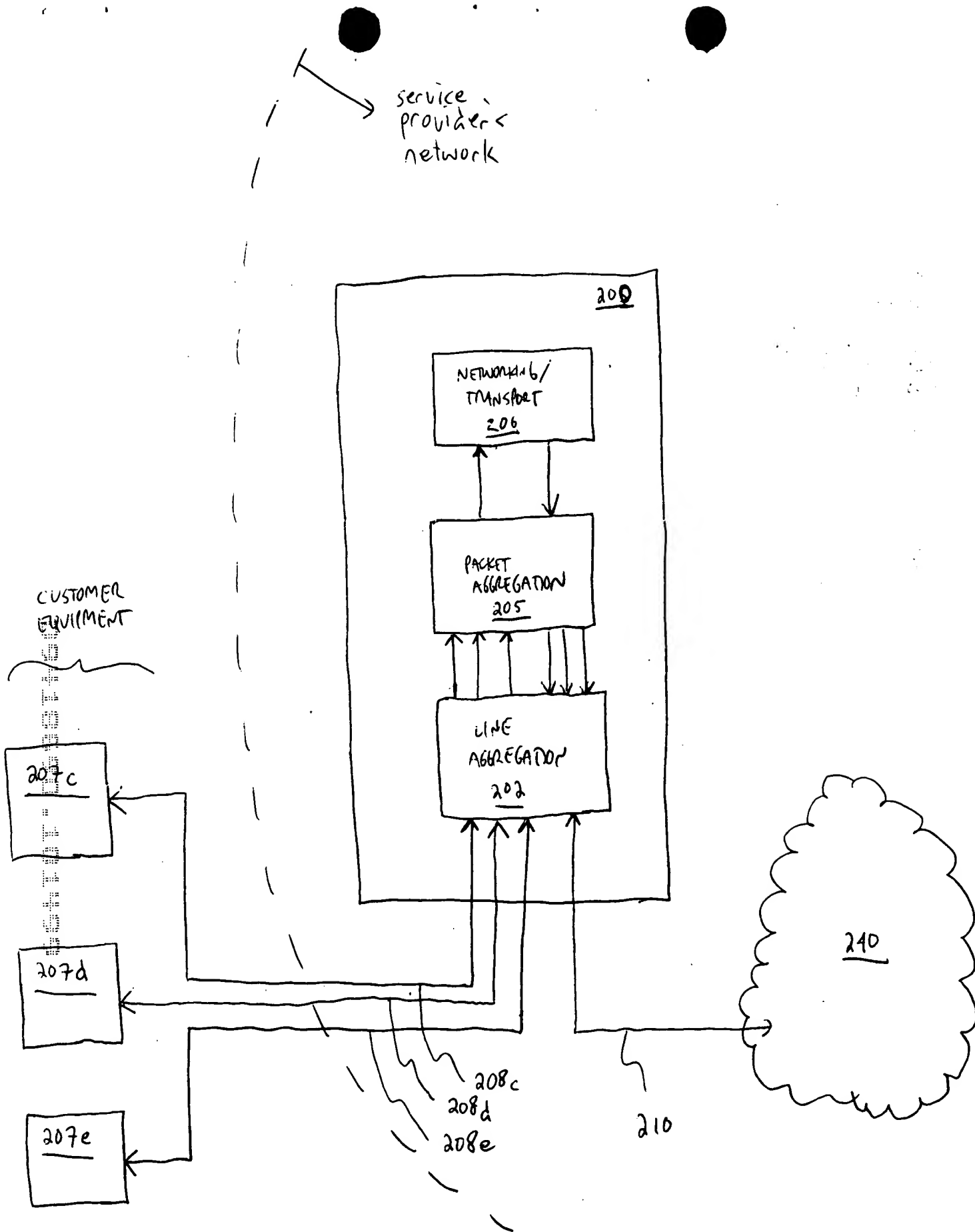


FIGURE 2A

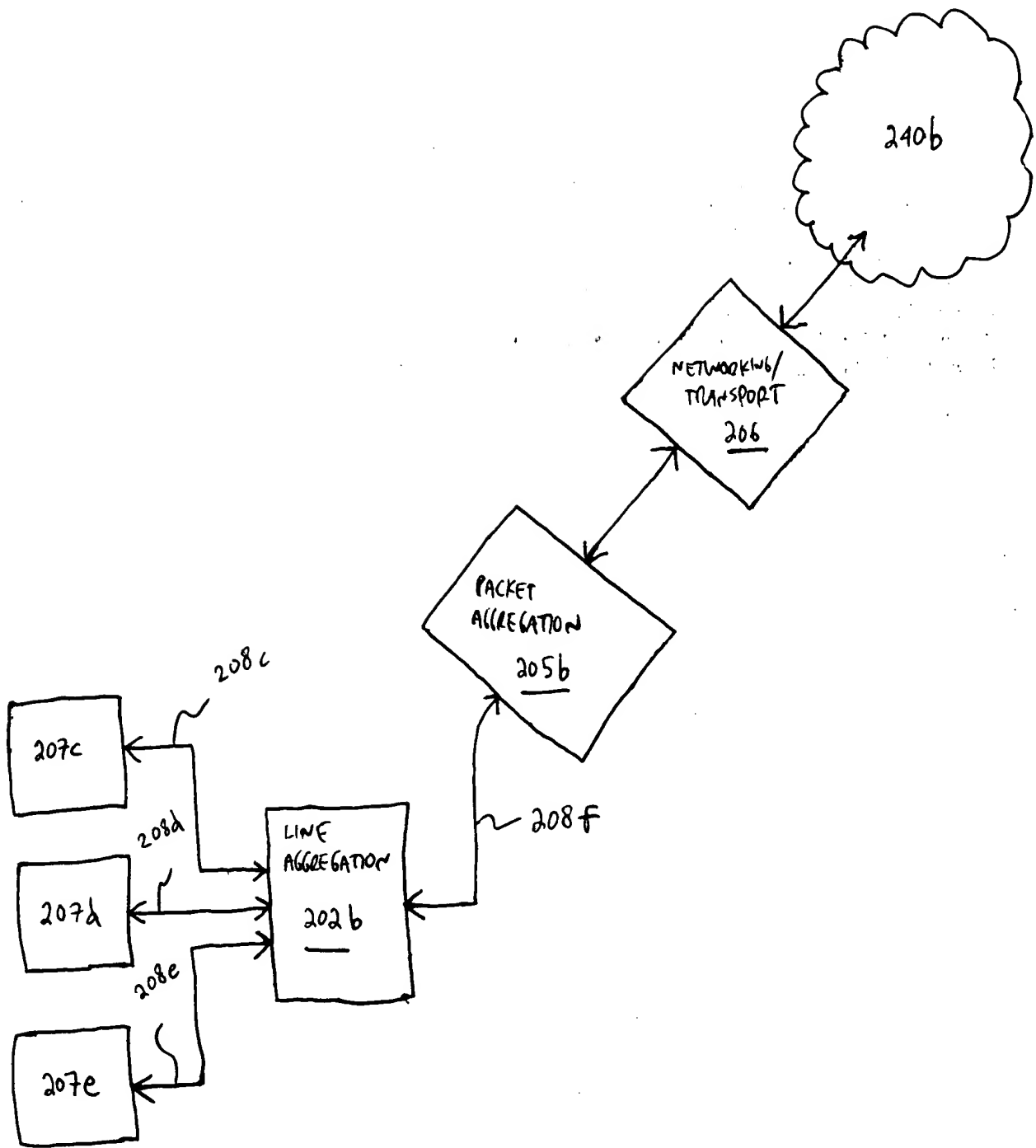


FIGURE 2b

00110000 10110000

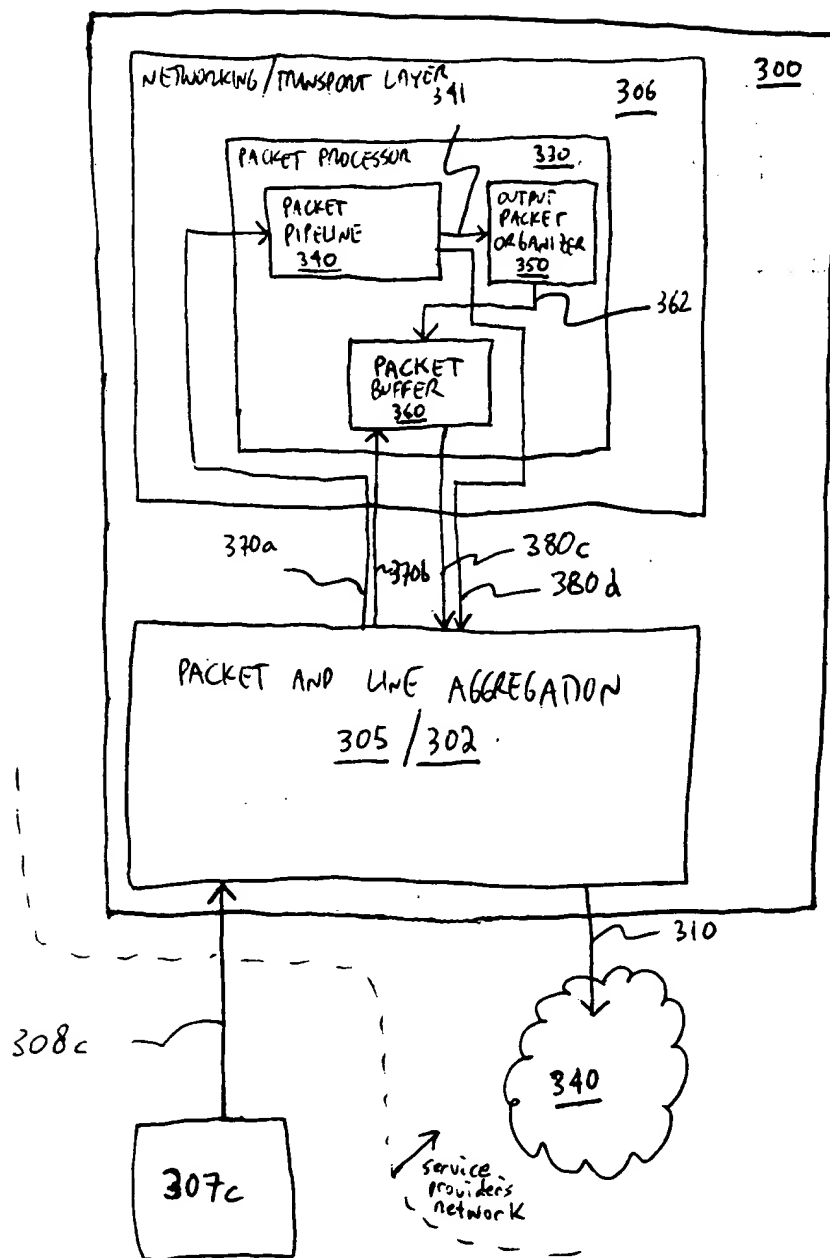


FIGURE 3A

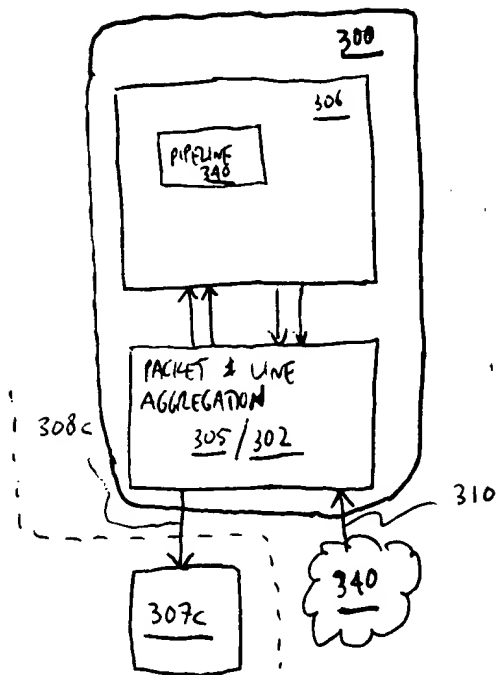


FIGURE 3B

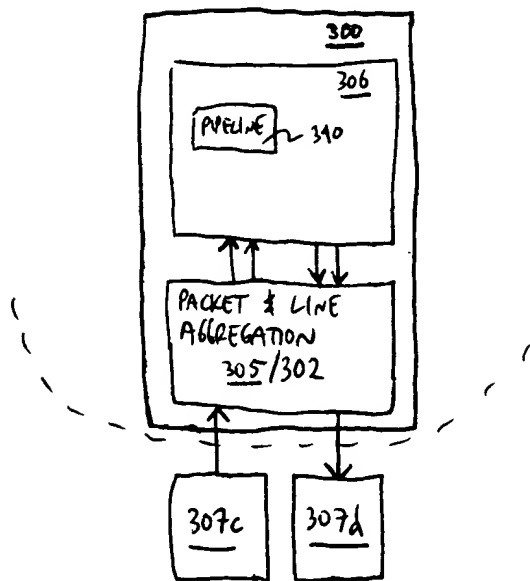


FIGURE 3C

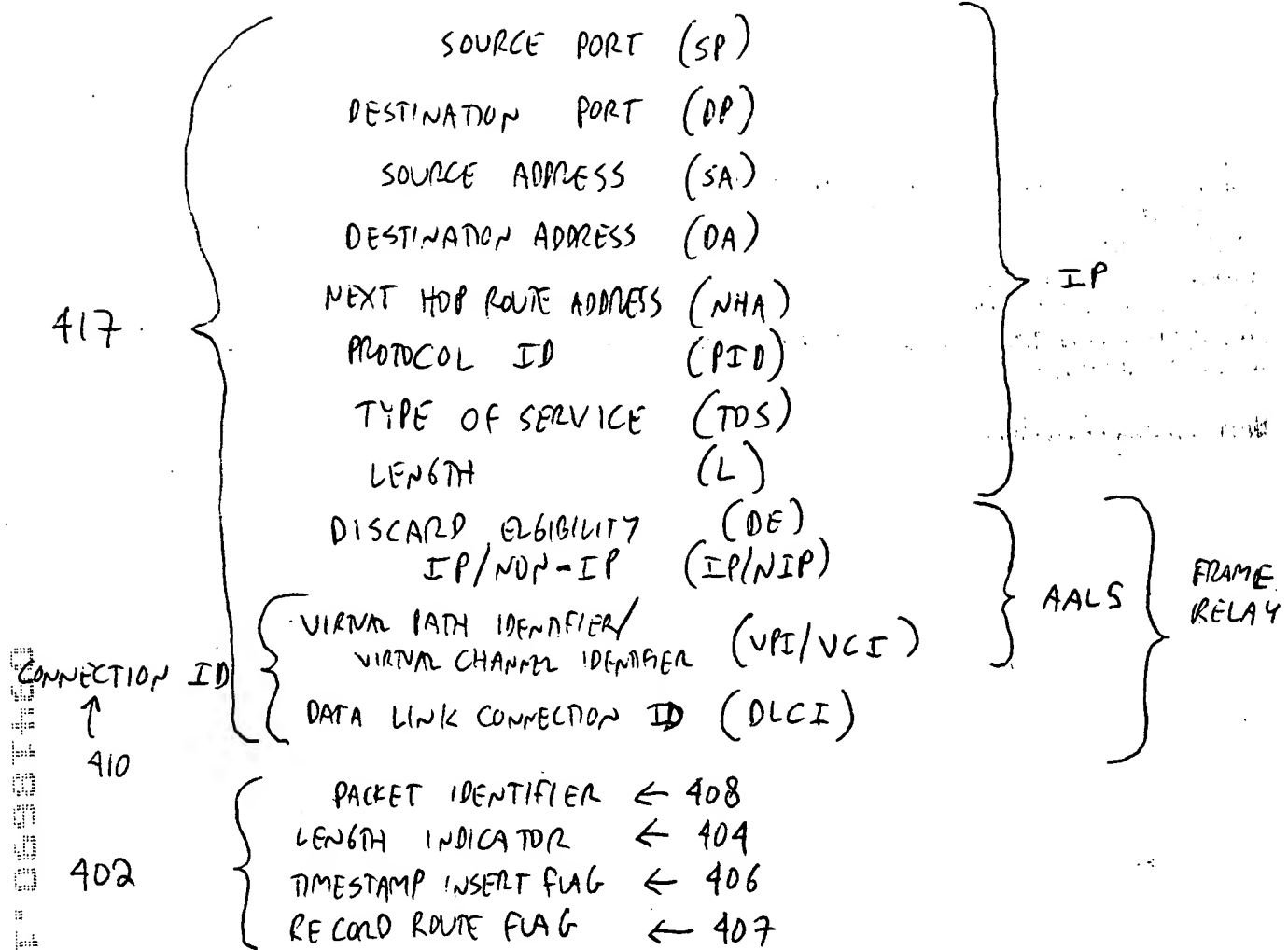


FIGURE 4

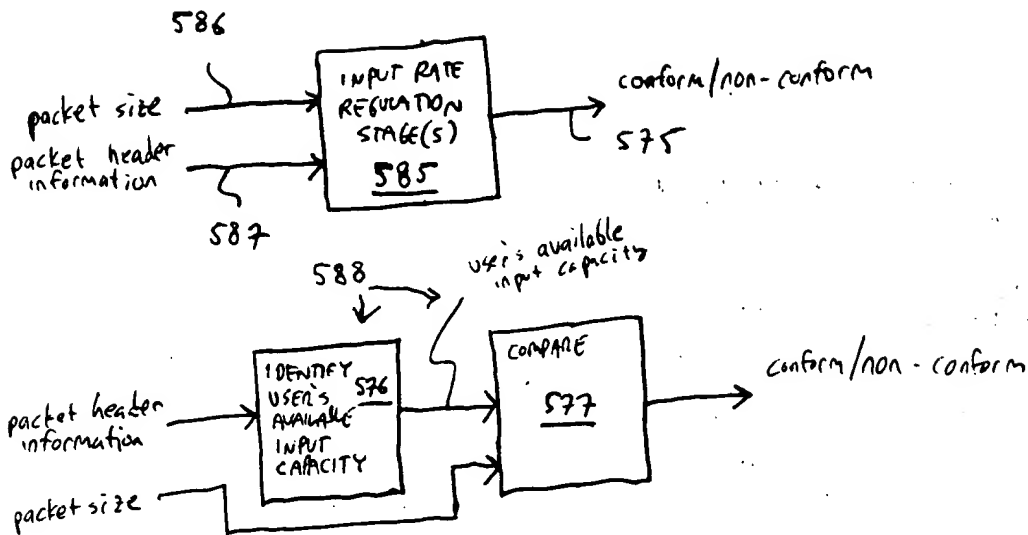


FIG. 5A

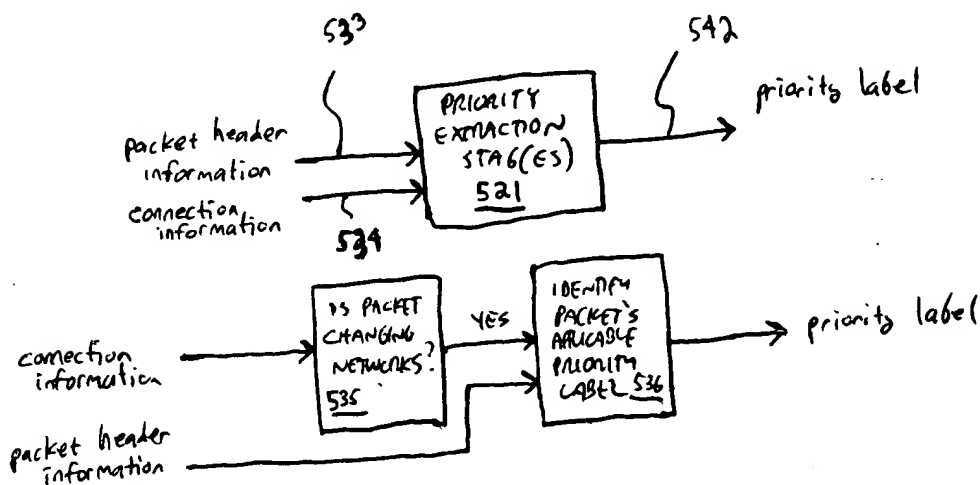


FIG. 5B

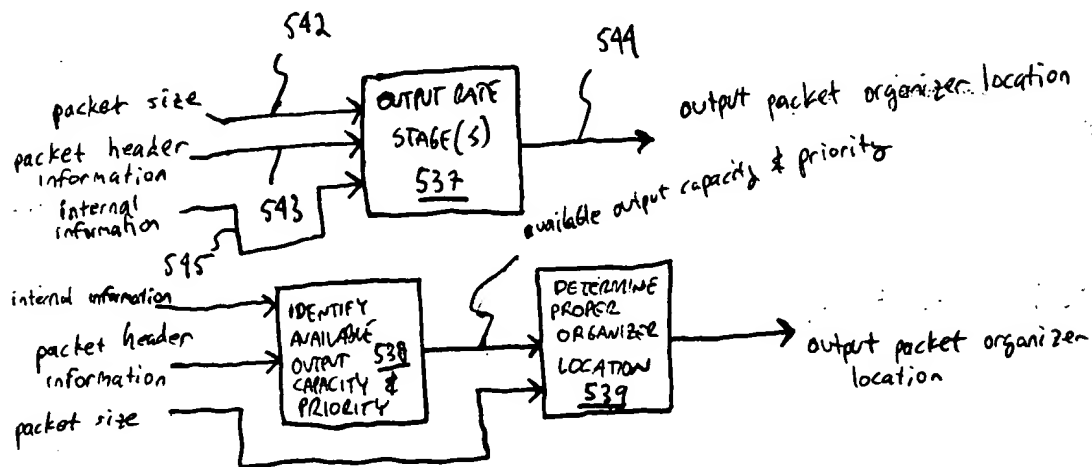


FIG. 5C

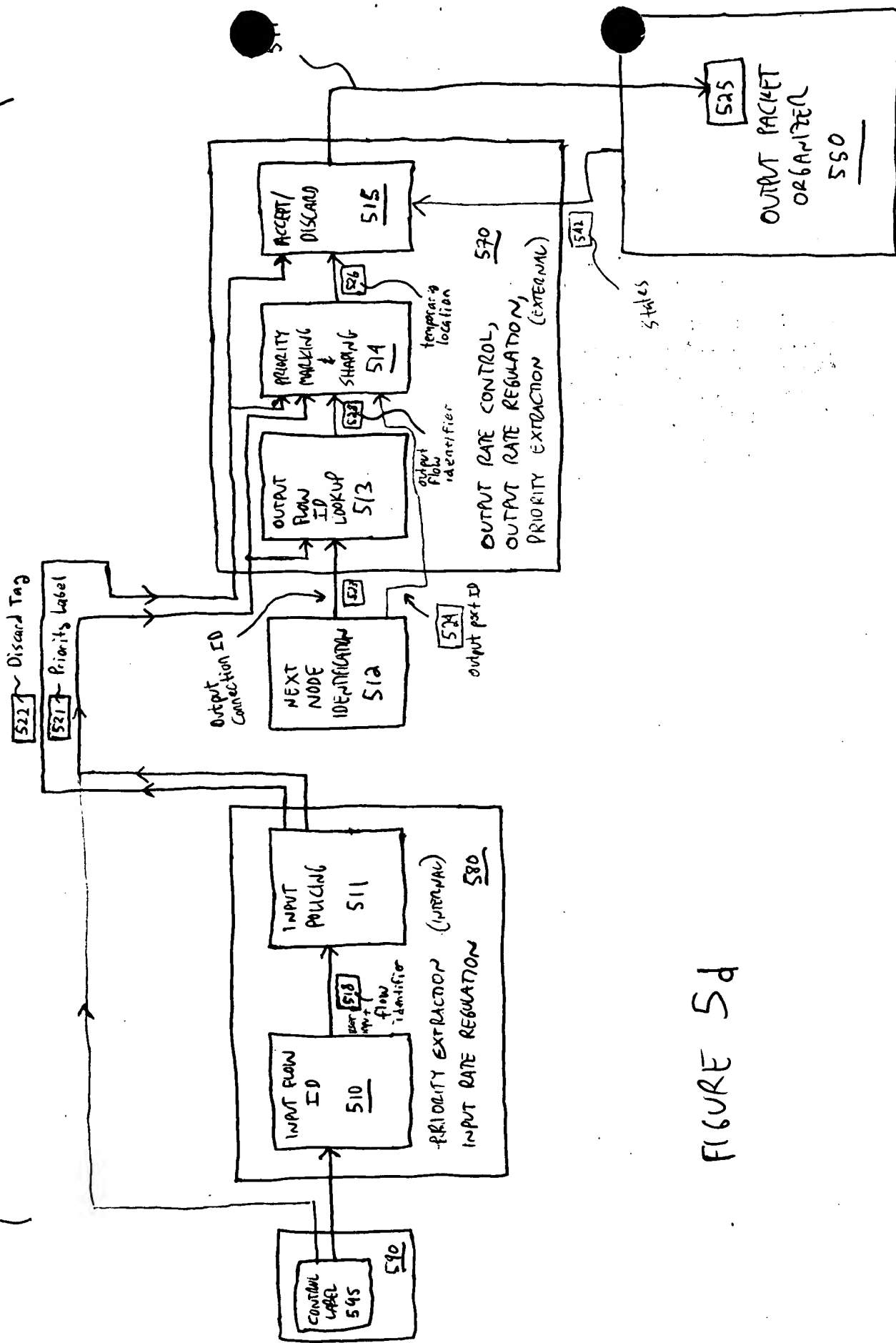


FIGURE 5d

SECTOR OBSERVATIONS

	INPUT FLOW ID STAGE	INPUT POLICING STAGE	NEXT NODE IDENTIFICATION STAGE	OUTPUT FLOW ID STAGE	PRIORITY MARKING AND SHARING STAGE	ACCEPT/DISCARD STAGE
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FIG. 6A

X

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FIG. 6B

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FIG. 6C

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X

FIG. 6D

X

X

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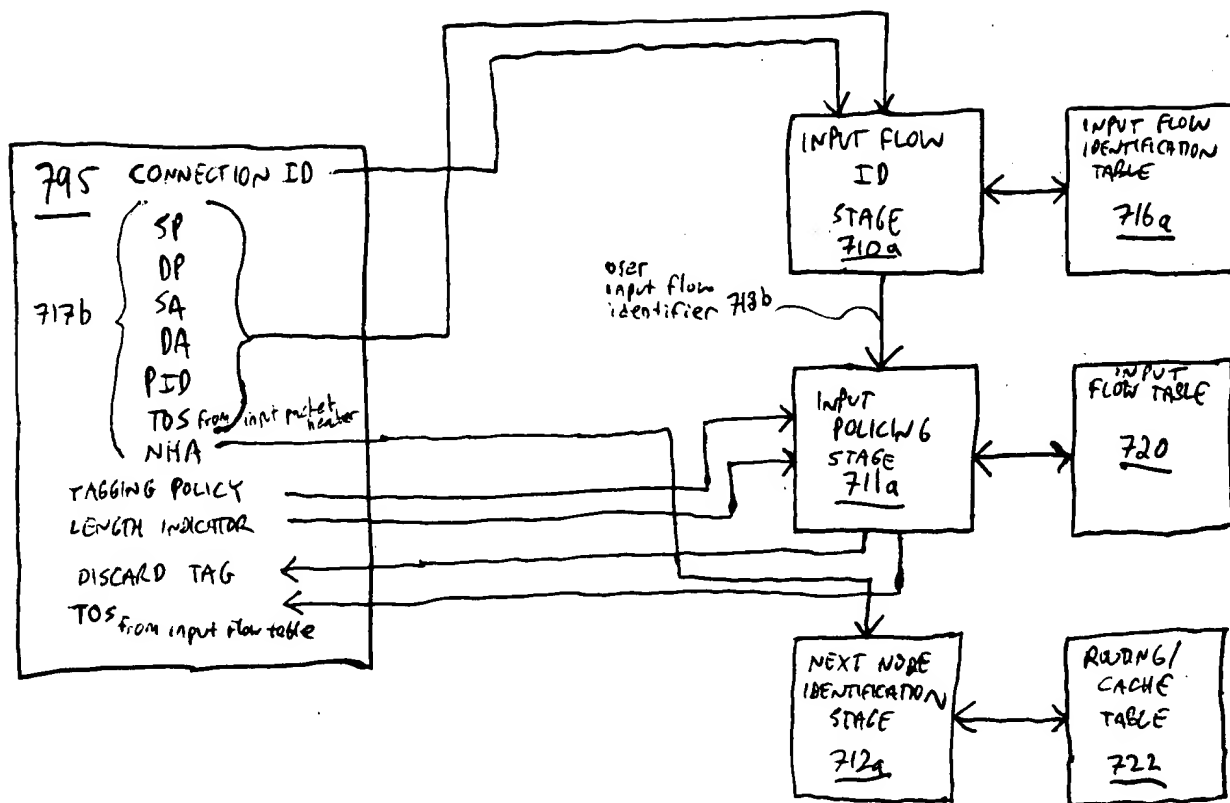


FIGURE 7A

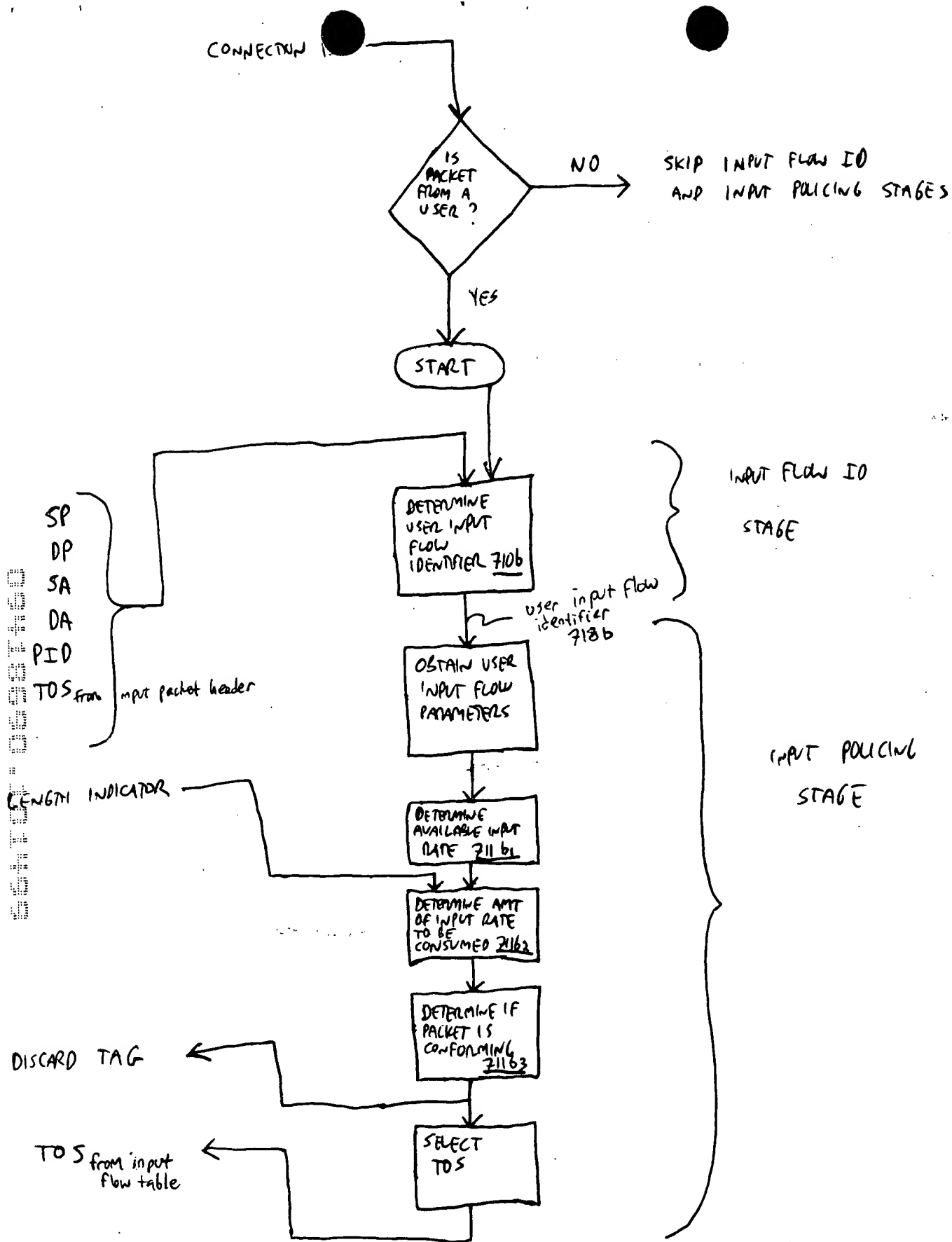


FIGURE 7B

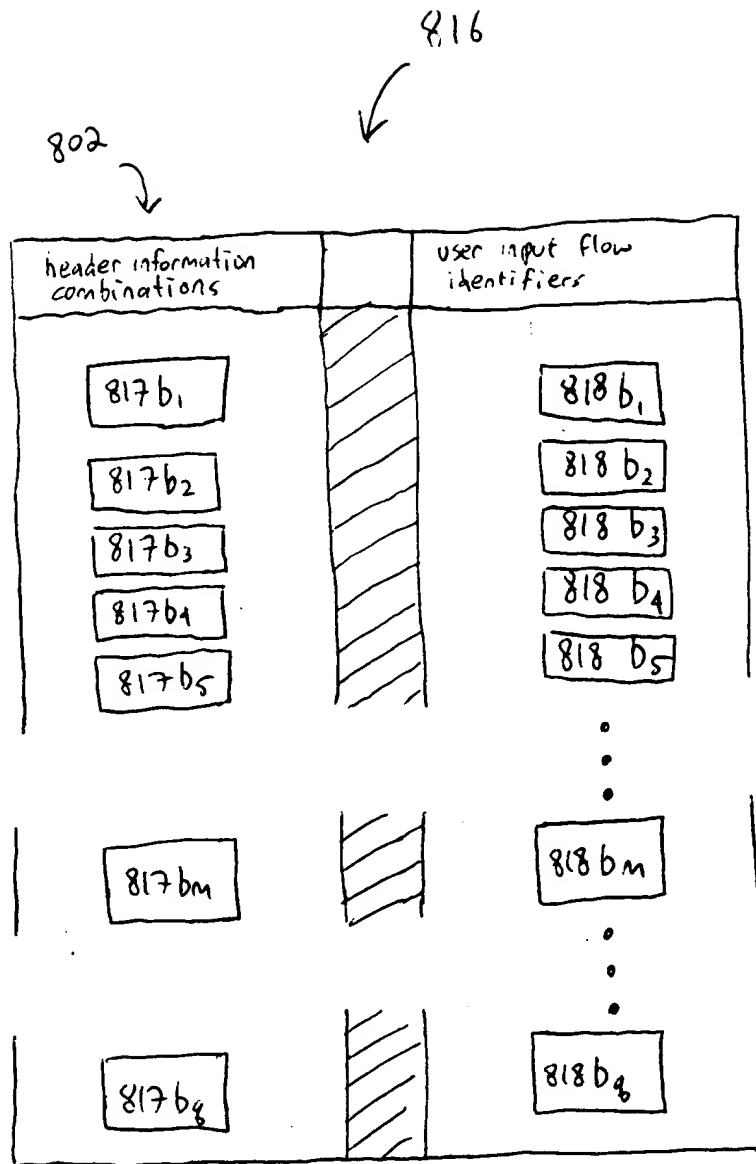


FIGURE 8

FIGURE 9

407
SPLIT OF 05001460

LENGTH
INDICATOR

905

904

901

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911



POLICING LOGIC 917

TOS conform
TOS non-conform
DISCARD TAG

916



UPDATE
STATS
950

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user input
flows

DATA

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ADDRESS

DATA

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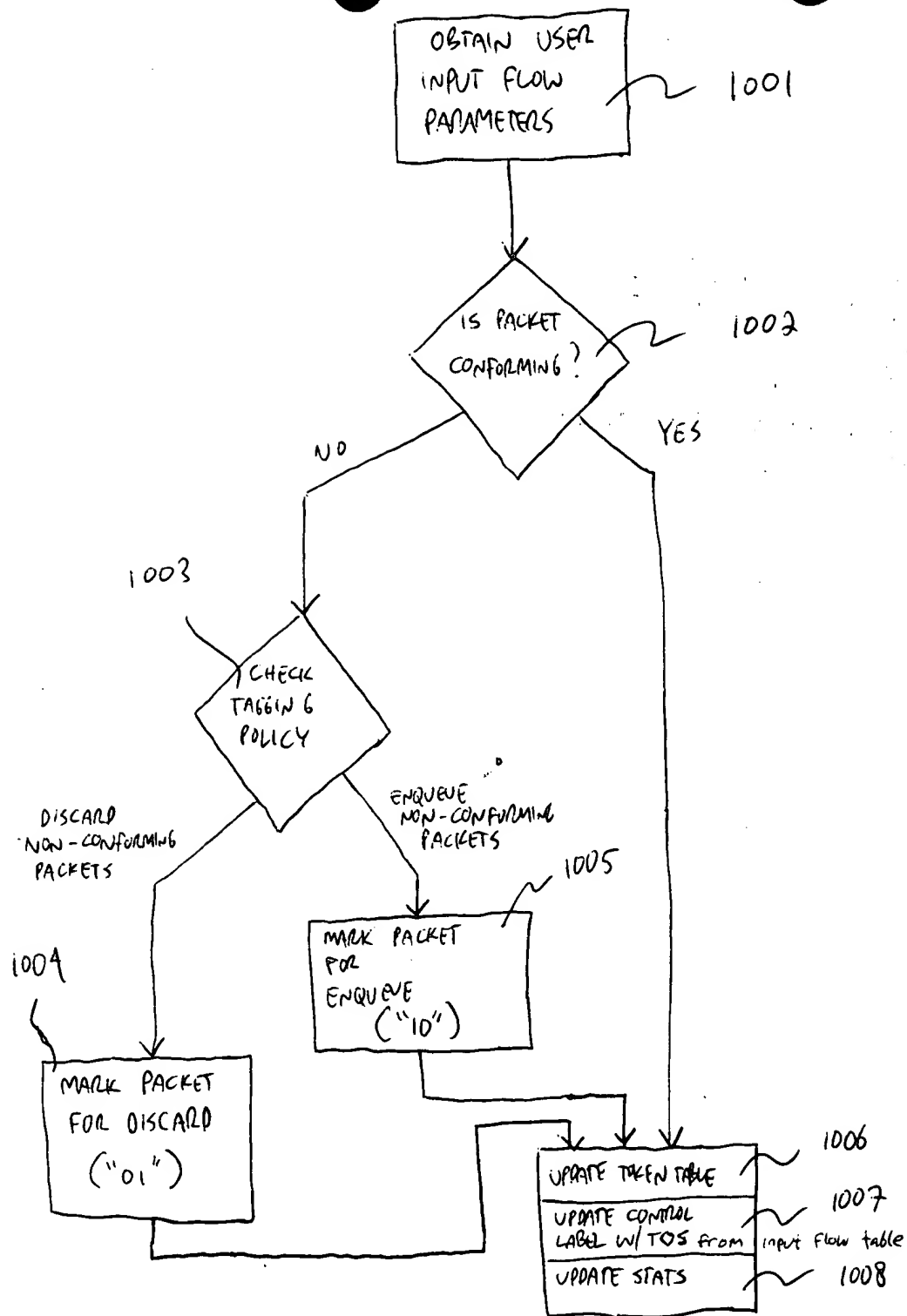


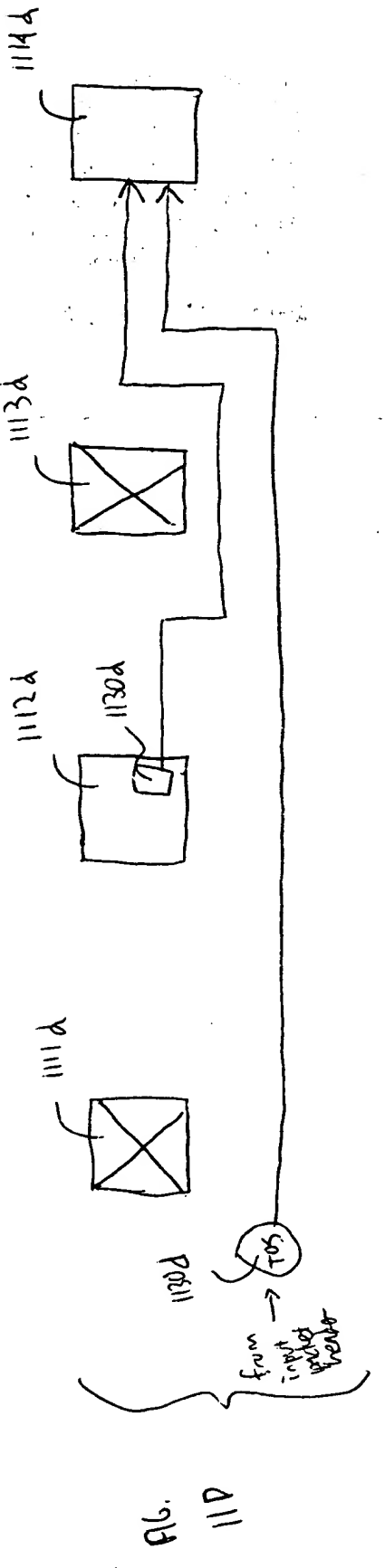
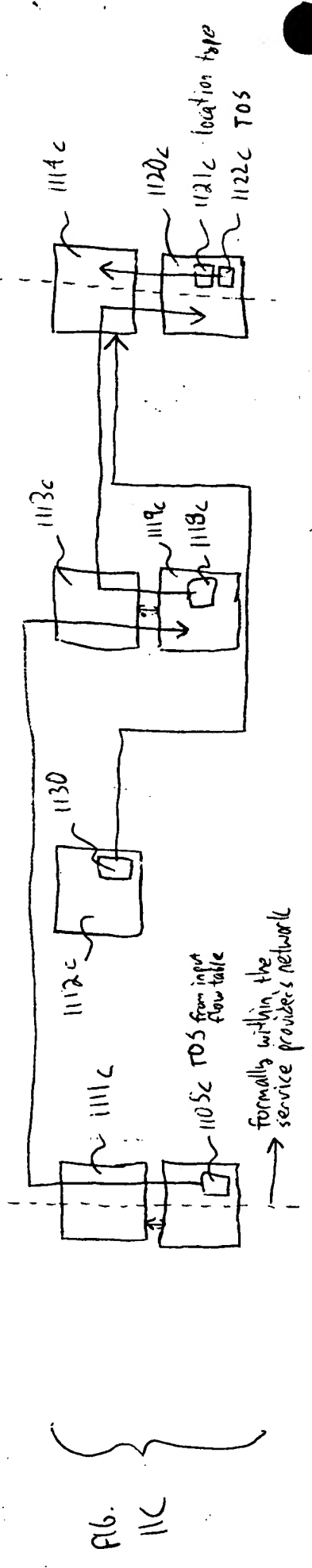
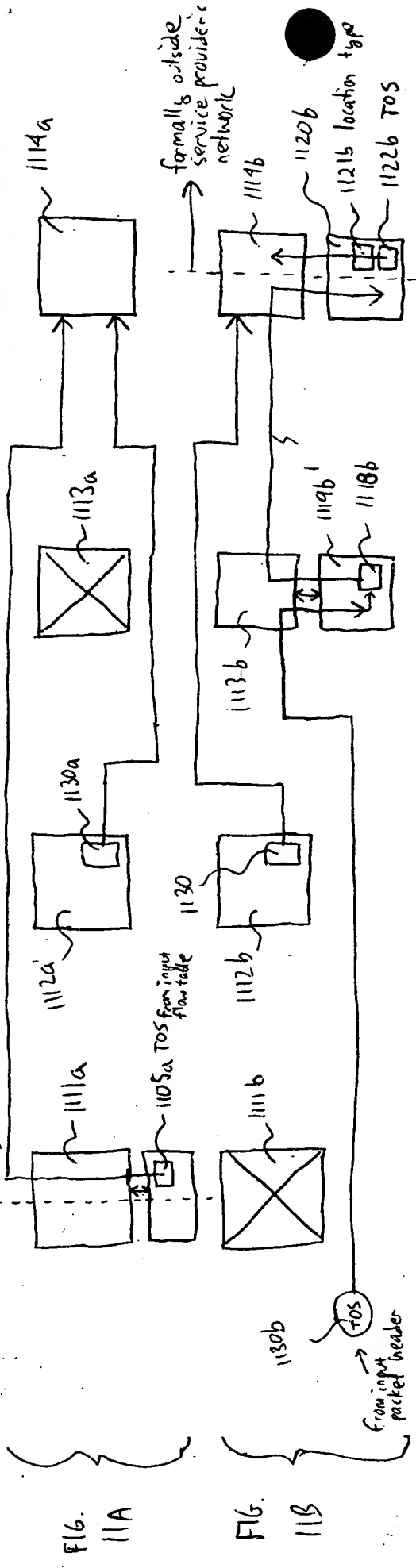
FIGURE 10

MARKING / SHARING
STAGE

OUTPUT FLOW ID
STAGE

NEXT NODE ID
STAGE

INPUT ROUTING
STAGE

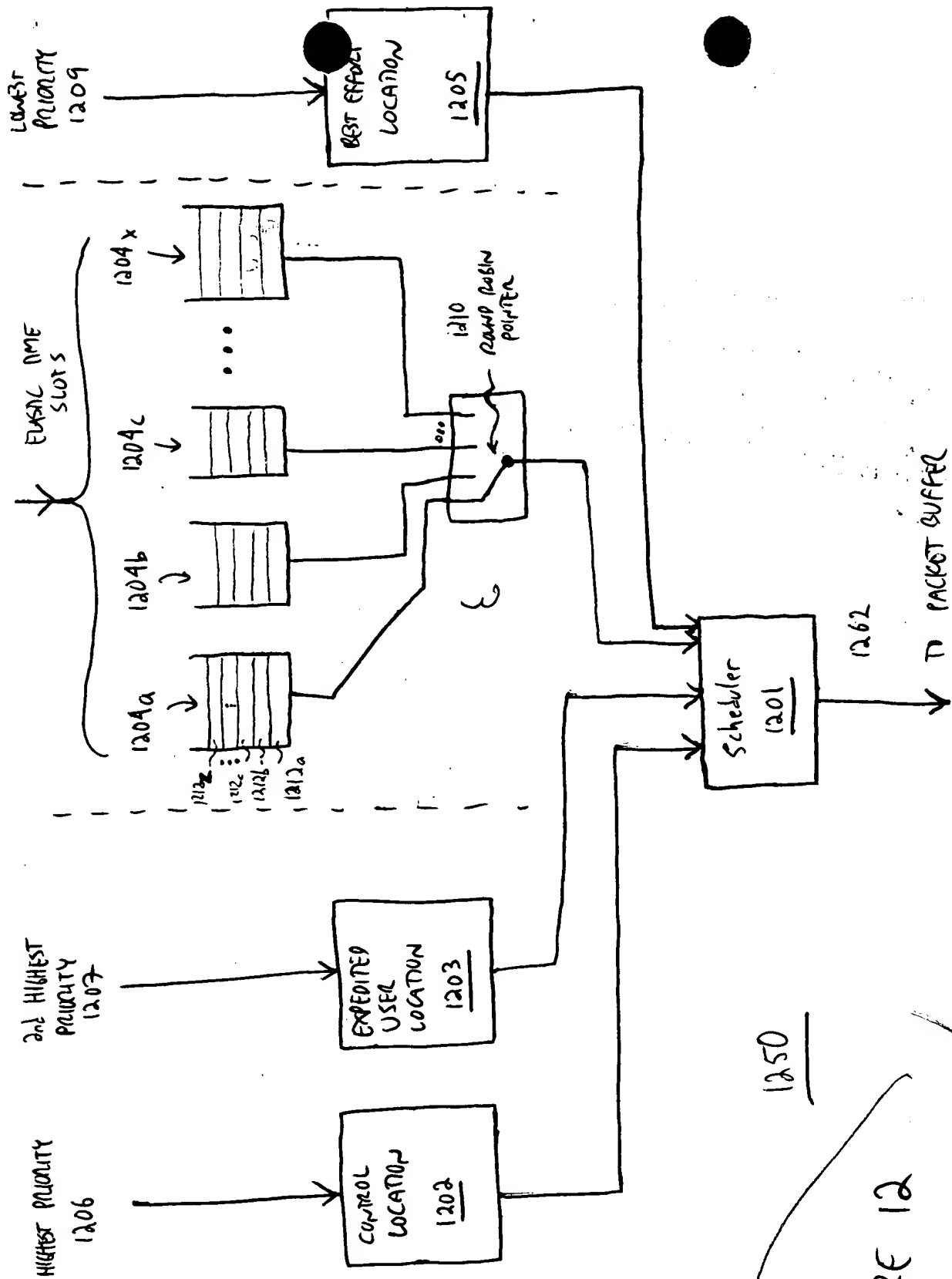


STATUS REGISTER

3rd HIGHEST PRIORITY
1208

2nd HIGHEST PRIORITY
1207

HIGHEST PRIORITY
1206



1250
FIGURE 12

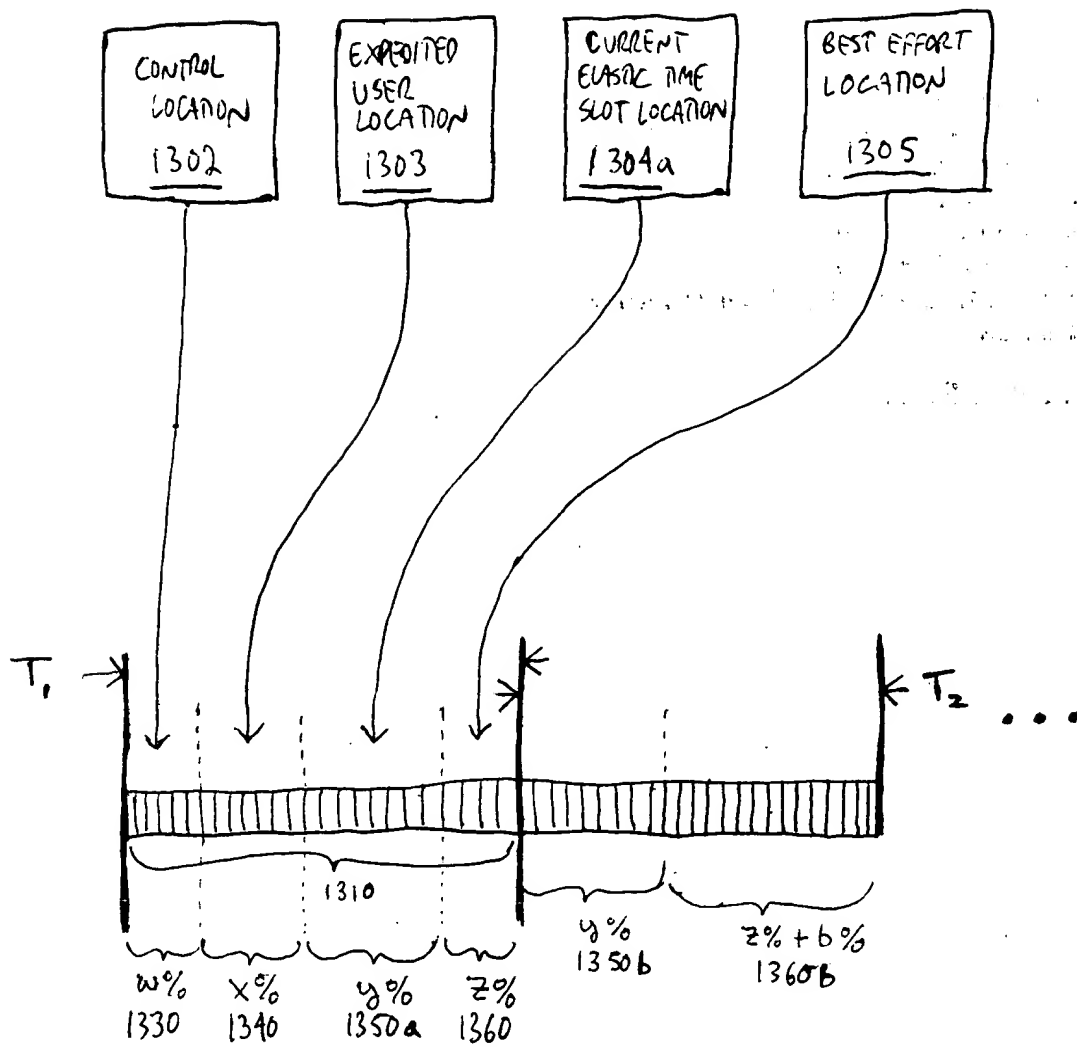


FIGURE 13

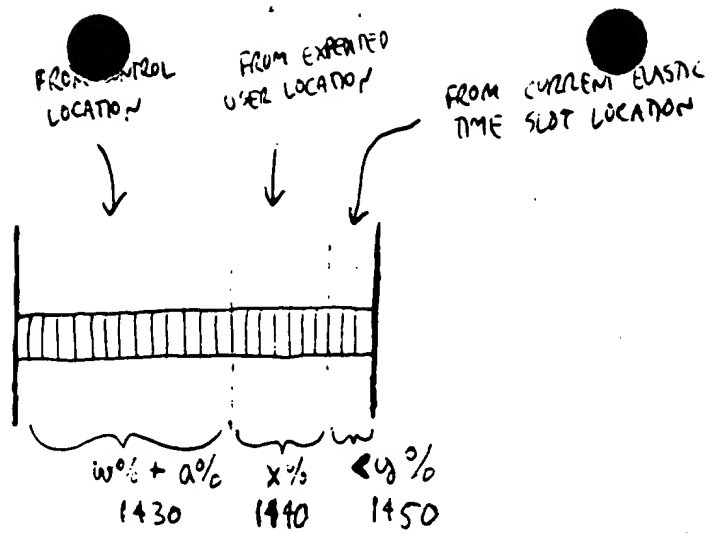


FIG. 14a

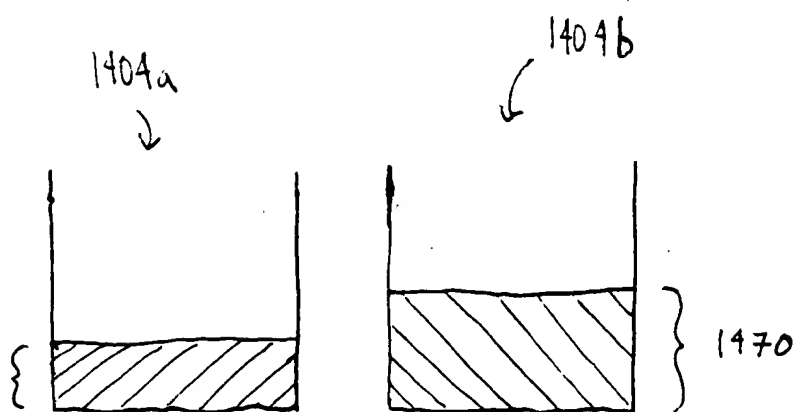


FIG. 14b

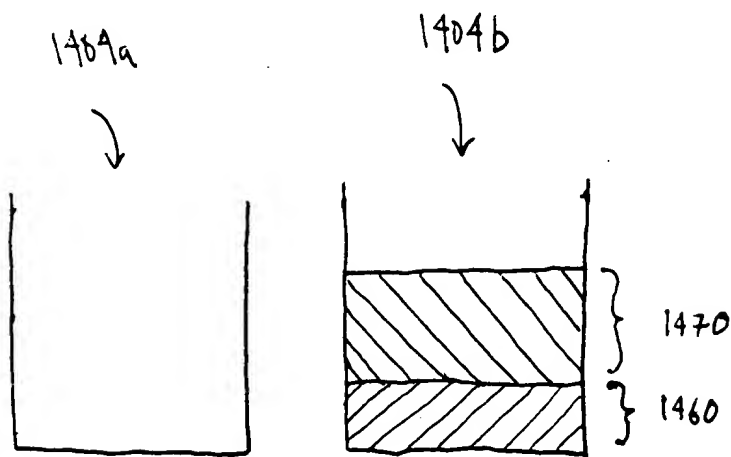


FIG. 14c

1500

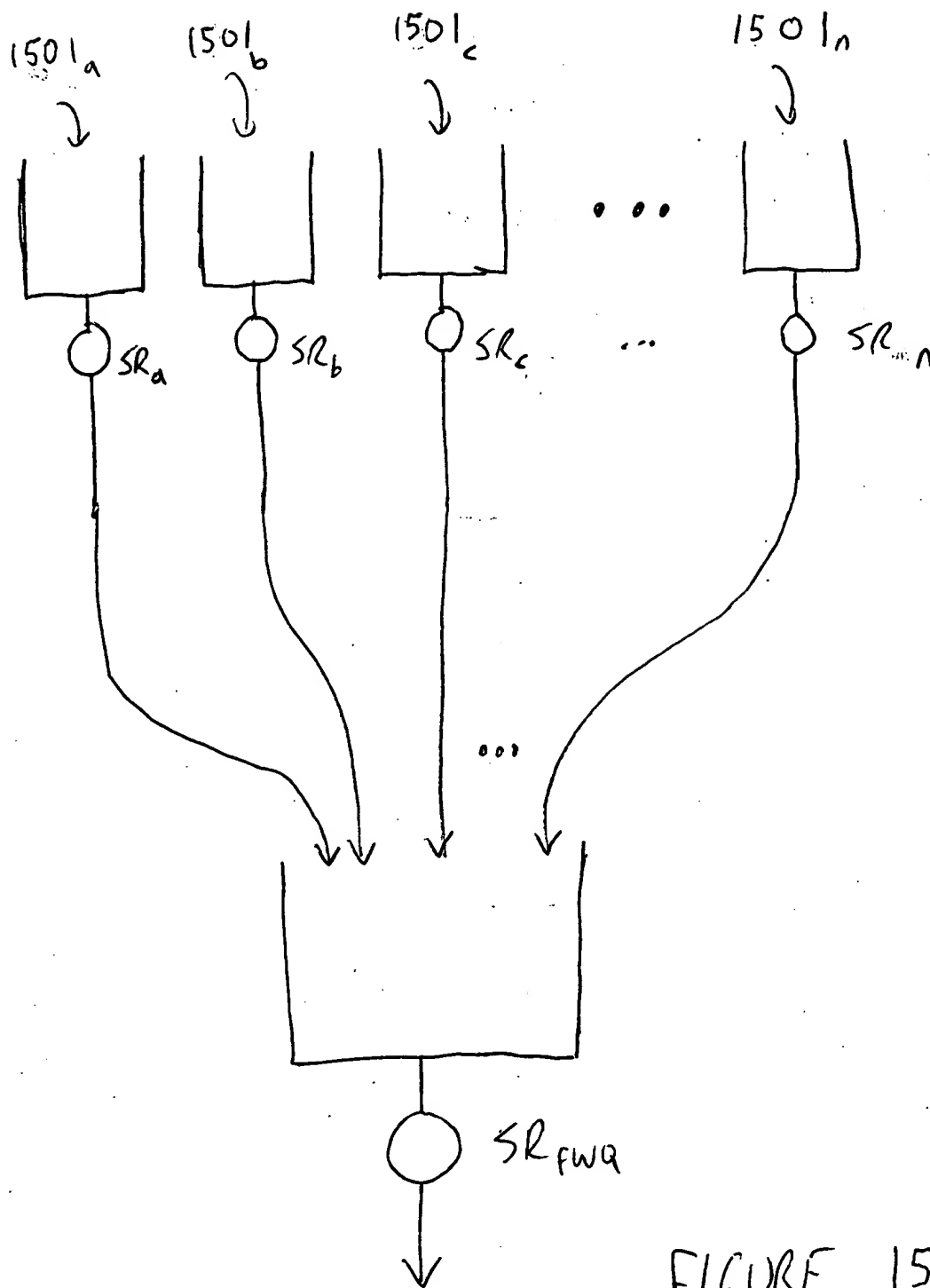


FIGURE 15

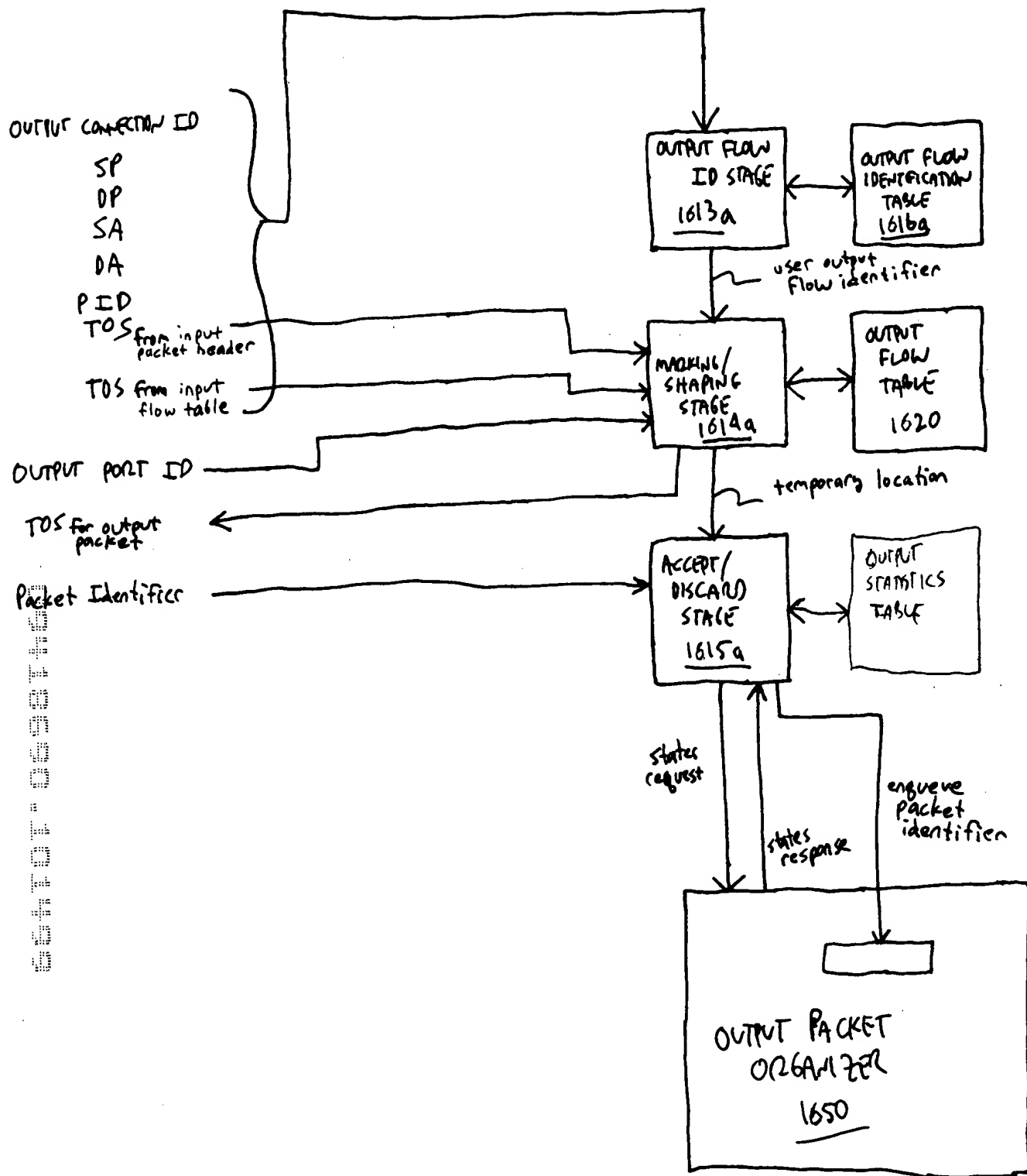


FIGURE 16_a

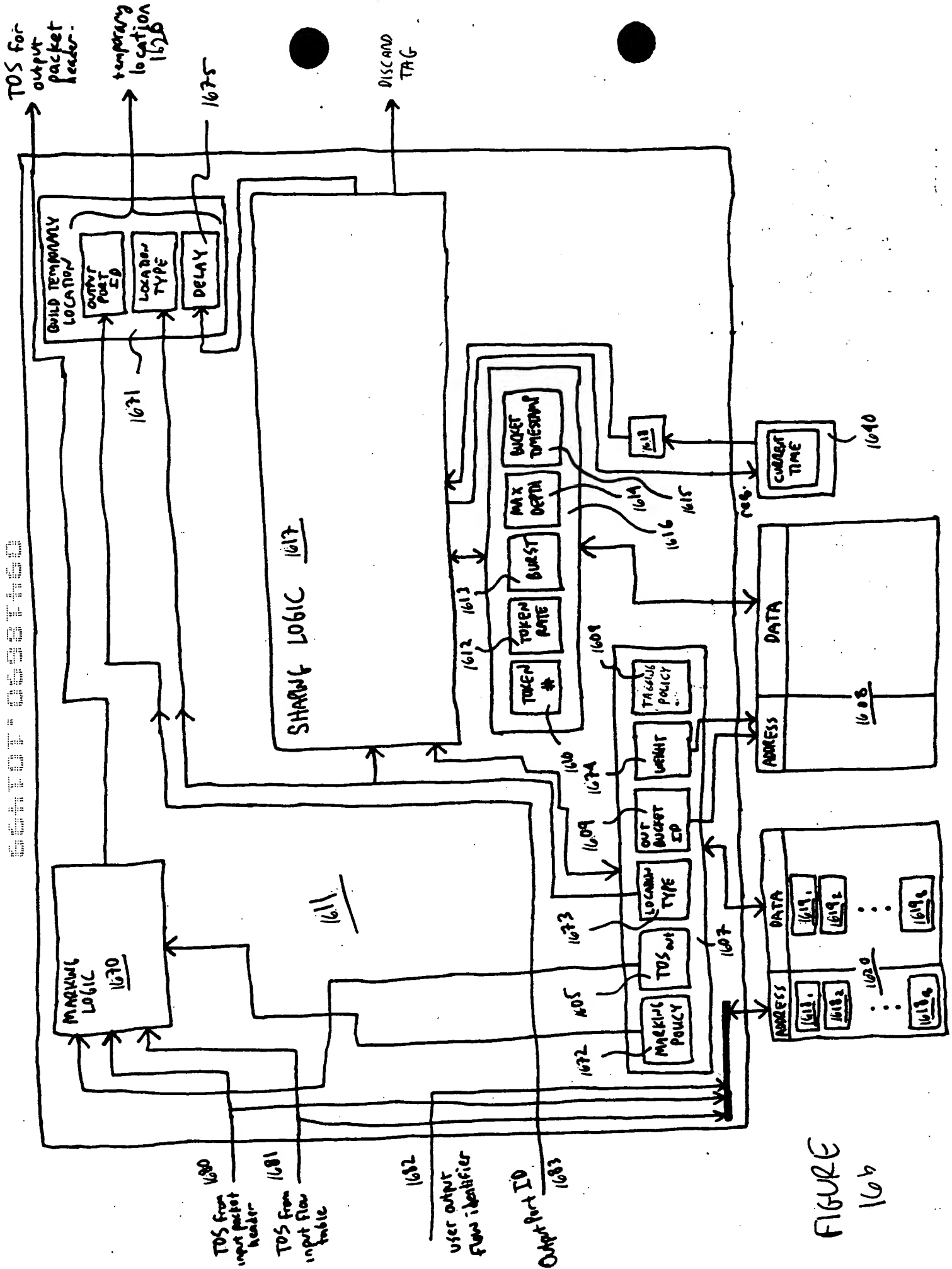


FIGURE 16b

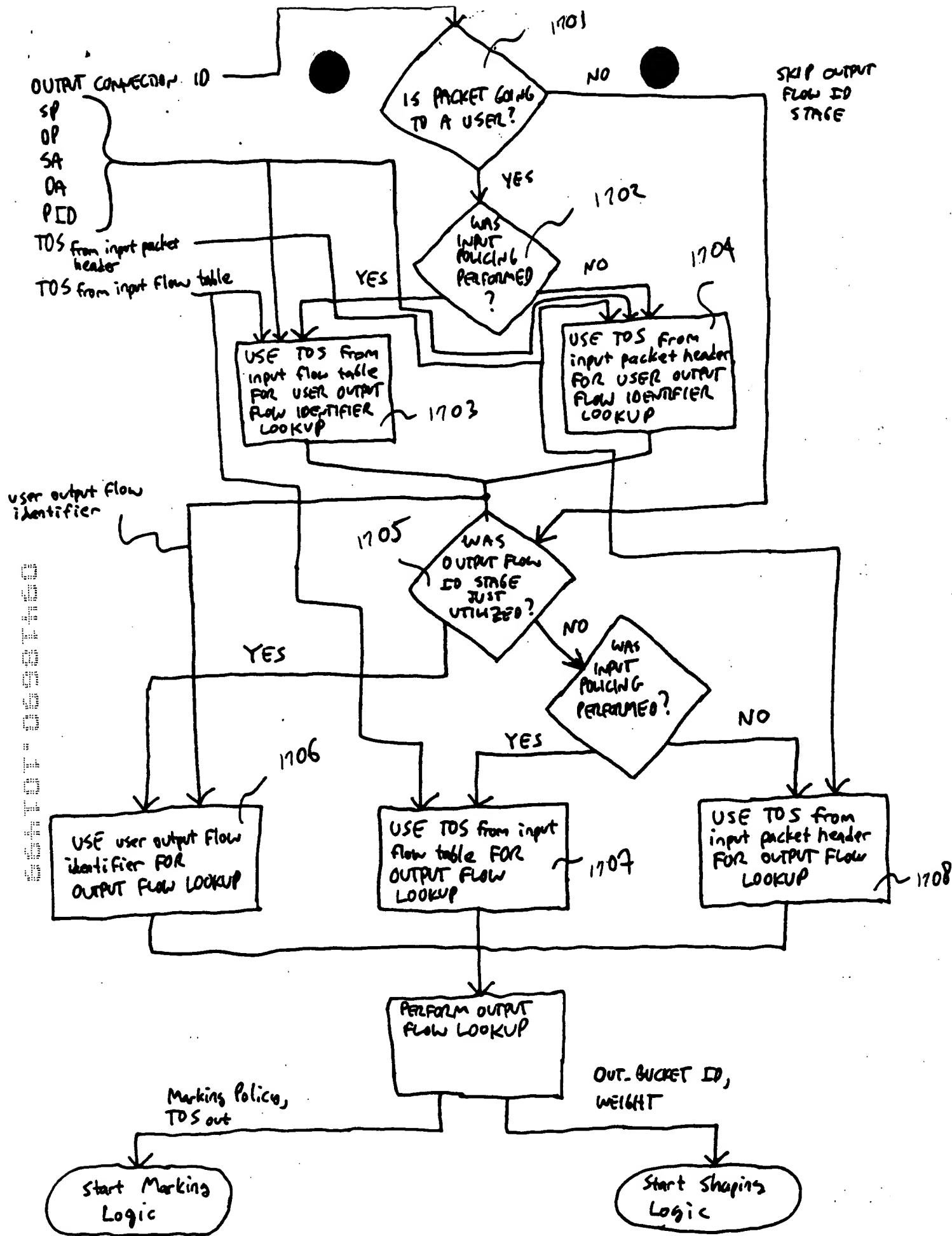


FIGURE 17a

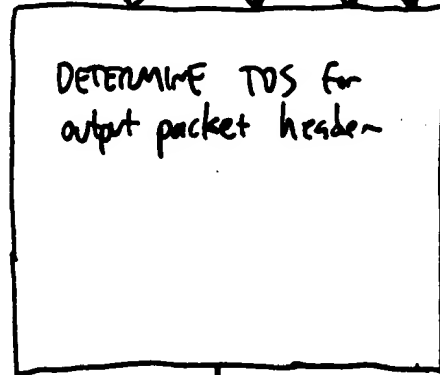
Marking Logic

Marking Policy

TOS from input packet header

TOS from input flow table

TOS from output flow table



TOS for output packet header

FIGURE 17c

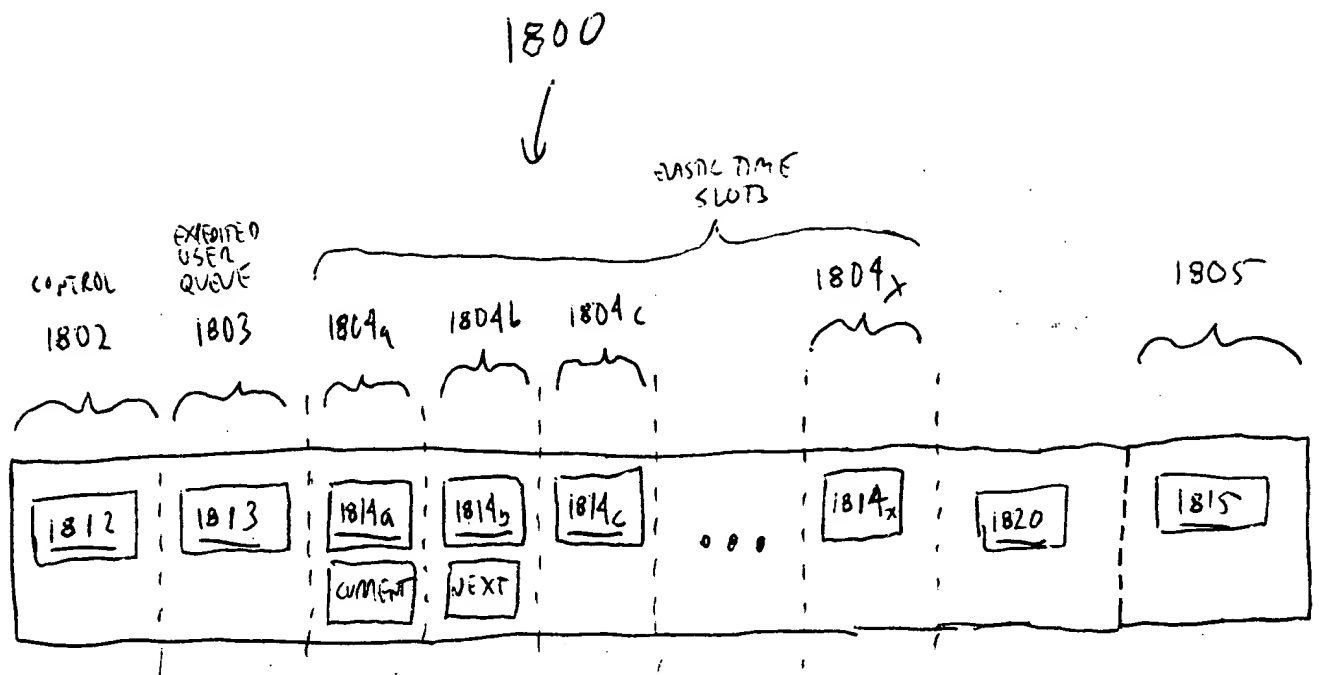


FIGURE 18

05410600-104400